

Wireless Addressable Optical Smoke Detector

Model No - AW103SD



- Soft addressing
- Contamination alarm
- Low Battery Warning
- Pre-alarm
- Insect-resistant screening
- Easy to maintain/service
- Dual bi-color LED indication for 360° viewing angle

Overview:

This Wireless Addressable Smoke Detector houses smoke sensor for monitoring the level of smoke in its surveillance. It switch to alarm state, when the level of smoke reaches its pre-set level. This detector with a unique ID communicates to the control panel to alert the exact location of emergency. This unit is powered by built in AA Battery. When battery power is Low, it communicates to control panel to alert for replacement. It also communicates preliminary stage of Alarm (Pre Alarm) and Contamination alarm. This unit is mainly used, where wiring is not feasible.

Specification

Electrical Specifications

Operating voltage	3V DC
Quiescent current	3µA
Alarm current	1mA
Battery Type	2x1.5V AA Size Battery
Carrier frequency	433.92 MHZ

Indications

Normal	Green LED (Blinks 50+/-10 sec)
Alarm	Red LED (Glows steady)

General Specifications

Smoke sensitivity	1+/- 0.5 %obs/ft
Operating temperature	0°C to 49°C
Storage temperature	5°C to 40°C
Life time of battery	18 Months
Humidity	0-95% RH (Non-condensing)
Color	White
Housing	Polycarbonate
Compatibility	ALAW2XV1 Protocol

Mechanical Specifications

Dimensions(DiaxH)	Weight
Without Base 100x34mm	Without Base 78g
With Base 100x54mm	With Base 113g

